VOC-CO_2 Indoor Air Quality Sensor

Submittal Information
Revision B: Dec. 12, 2011

Project Information

Job Name:

Location: | Part No. Ordered:

Engineer: | Date Submitted:

Contractor: | Submitted By:

Manufacturer's Representative: | Approved By:

Technical Data

Power:	24VAC
Ambient Conditions:	32°F to 105°F (0°C to 40°C) 10% to 90% relative humidity (non-condensing)
Connections:	18 AWG
VOC Sensor:	Metal oxide
Measuring range	0-100%
Output, air quality	0-10V (0V: clean, 10V polluted air)
CO_2 Sensor:	Optical, non-dispersive infrared technology (NDIR)
Measuring range:	0-2,000 ppm (default for Climate Cŏntrol™ Network System)
Output, CO_2:	0-10V
Accuracy:	+/- 100 ppm

Product Information and Application Use

The Climate Cŏntrol Network System VOC-CO_2 Indoor Air Quality Sensor measures the volatile organic compound and the carbon dioxide (VOC/CO_2) levels in the indoor environment to provide fresh air to the air zone. If the VOC or CO_2 levels reach the maximum setpoint, the Heat Recovery Ventilator (HRV) activates at high speed until the system detects normal levels.

✓	Description	Part Number	Height	Width	Depth	Weight
☐	VOC-CO_2 Indoor Air Quality Sensor	A9010201	3.85"	4.17"	1.25"	0.25 lbs.

Installation

The VOC-CO_2 Indoor Air Quality Sensor can be mounted on a wall using sheetrock screws. Refer to the Uponor Climate Cŏntrol Network System Heat Recovery Ventilator (HRV) Control Instruction Sheet for complete installation instructions.

Standards

Class II wiring

Codes

N/A

Listings

N/A

Related Applications

Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Protection Systems
Turf Conditioning Systems

Contact Information

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